

SIMATIC IPC PX-32A 15" ST Singletouch 4 x USB 3.2 (back), Ethernet (10/100/1000) Intel Celeron 6600HLE (2.1 GHz, 2C/2T); 16 GB; M.2 SSD 256 GB Eco; without 2nd mass storage; Windows 11 IoT Enterprise 2024 LTSC with Celeron processors, W-11155MLE, W-11155MLE without option 1 restore stick image with D&D and software image (if selected) only via OSD (online portal) 9-36 V DC industrial power supply (wide range)

General information	
Product type designation	PX-32A
Display	
Design of display	15" TFT touch
Screen diagonal	15.6 in
Resolution (pixels)	
• Horizontal image resolution	1 366 pixel
• Vertical image resolution	768 pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Keyboard fonts	
• Function keys	No
• alphanumeric keyboard	No
Touch operation	
• Design as touch screen	Yes
Installation type/mounting	
Mounting	For horizontal and vertical mounting
Design	Panel PC, built-in unit
central design	Yes
distributed design	No
Mounting in portrait format possible	No
Supply voltage	
Type of supply voltage	9 - 36 V DC
Mains buffering	
• Mains/voltage failure stored energy time	20 ms
Processor	
Processor type	Intel Xeon W-11155MLE (1.8/3.1 GHz, 4C/6T)
Chipset	Intel® RM590E
Graphic	
Graphics controller	Intel® UHD Graphics 16 EUs (for Intel® Celeron® 6600HLE and Intel® Xeon® W-11155MLE)
Drives	
Hard disk	M.2 SSD 256 GB Eco
SSD	Yes
Memory	
Type of memory	DDR4-3200 SO-DIMM
Hardware configuration	
Slots	
• Number of PCI slots	0
• Number of compact flash slots	0
Interfaces	
Number of industrial Ethernet interfaces	2; 2x Gigabit Ethernet (IE/PN), RJ45
serial interface	2x COM (RS 232 / 485 / 422; selectable)
Video interfaces	
• Graphics interface	2x DisplayPort (DP1.4-capable); maximum 4096 × 2304 / 60 Hz / 36 bit

Industrial Ethernet	
<ul style="list-style-type: none"> • Industrial Ethernet interface — 100 Mbps — 1000 Mbps 	<p>Yes</p> <p>Yes</p>
Interrupts/diagnostics/status information	
LED status display	No
Bus diagnostics	No
Integrated Functions	
Monitoring functions	
<ul style="list-style-type: none"> • Temperature monitoring • Fan • Monitoring function via network 	<p>No</p> <p>No</p> <p>Optional</p>
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
CE mark	Yes
UKCA mark	Yes
CSA approval	Yes
UL approval	Yes; UL 61010-2-201 Second Edition, File E472609
<ul style="list-style-type: none"> • UL 508 	No
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	No
FCC	Yes
BSMI	No; in preparation
BIS	Yes
Use in hazardous areas	
<ul style="list-style-type: none"> • ATEX Zone 2 • IECEx Zone 2 • cULus Class I Zone 2, Division 2 	<p>No</p> <p>No</p> <p>No</p>
Marine approval	
<ul style="list-style-type: none"> • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) 	<p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p> <p>No</p>
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> • min. • max. 	<p>0 °C</p> <p>50 °C</p>
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> • min. • max. 	<p>-20 °C</p> <p>60 °C</p>
Relative humidity	
<ul style="list-style-type: none"> • Operation, max. 	85 %
Vibrations	
<ul style="list-style-type: none"> • Vibration resistance during operation acc. to IEC 60068-2-6 	tested according to IEC 60068-2-6; 5 Hz to 9 Hz: 3.5 mm; 9 Hz to 500 Hz: 9.8 m/s ²
Operating systems	
without operating system	Yes
Dimensions	
Width of the housing front	406 mm
Height of housing front	258 mm
Mounting cutout, width	388.4 mm
Mounting cutout, height	240.5 mm

mounting depth 96 mm

Weights

Weight, approx. 6 kg

Approvals / Certificates

General Product Approval



[Miscellaneous](#)

[China RoHS](#)



General Product Approval | **Dangerous goods**

[BIS CRS](#)



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last modified:

1/2/2026